| POSITION            | INITIALS | IU NO. | DATE   |
|---------------------|----------|--------|--------|
| FEE DETERMINATION   |          |        |        |
| O.I.P.E. CLASSIFIER | -:01/    | 10     | 4-8-98 |
| FORMALITY REVIEW    | Mh       | 71119  | 050498 |

## INDEX OF CLAIMS

| V | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    |   | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 | 0 | Objected     |

|    | <u> </u>    |               | _               | Date     |              |               |  |          |               |                  |  |                |
|----|-------------|---------------|-----------------|----------|--------------|---------------|--|----------|---------------|------------------|--|----------------|
|    | Cit         | aim           | Date (1.00 Cl.) |          |              |               |  |          |               |                  |  |                |
|    | ١,          | ğ             | 70              | 12       | 5/2/2        | 10            | 3  | 刂        | 3             | 13/0             |  | ĺ              |
|    | Final       | Original      | 100             | ĺΨ       | 13           | 32            | 3  | 100      | 26            | 13               |  |                |
|    | ίΞ          | ٠.            | 19              | 100      | 1/2          | oL.           | 2  | 03       | 33            | K                | L  |                |
| ١  |             | O             | 1               | 1        | V            | 1             | 7  | V        | A             | =                | Г  | Г              |
| ı  | L           | 2             | 0               | V        | 1/           | 7             | V  | 7        | 1             | 5                |  |                |
| Ì  | 3           | 3             | 0               | 17       | 7            | 1             | V  | 7        | $\sqcap$      | 1                | t  | -              |
|    | 3           | 4             | 7               | 1        | 17           | 7             | 7  | 7        | 4             | +                | <del>                                     </del>   | Н              |
|    | 5           | 5             | . 7             | 1        | 1            | 1             | 1  | Ż        | A             | #                | -  |                |
|    | 12          |               | 0               | .0       | =            | -             | =  |          | 7             | H                | Н  | -              |
| 1  | 7           | ( <u>a</u>    | 7               | 1        | <del></del>  | -             | J  | 7        | Ā             | H                | ⊢  | -              |
| Į  | 613         | (             | _               |          | <u>~</u>     | 2             | <u> </u>   | -        | A             | <del>    -</del> |  | $\vdash$       |
| -  | 13          |               | 0               | 0        | =            | ۳             | Ξ  | 3        | Ā             | <b>H</b> -       | <b> </b>   | -              |
| ļ  | 7           | 9             | 0               | N        | <u>'-</u>    | 1             | ~  | 1        | Α             | <b>v</b>         | ļ.,  |                |
| ١  | 14          | 0             | 0               | 0        | 5            | 1             | 1  | 11       | =             | =                | ┕  |                |
|    |             | ×             | <u>K</u> .,     | 10       | 14           | Ŀ             |  |          | <u> </u>      | $oxed{oxed}$     | $oxed{oxed}$   | لـــا          |
|    | 8           | 12            | <u> </u>        | V/       | √,           |               | ✓  | <b>√</b> | A             | =                | L  |                |
|    | 9           | 13            | 1               | /        | $\checkmark$ | $\setminus$   | 7  | 7        | A             | 1                |  |                |
| Ì  | 15          | <u> </u>      | 0               | 0        | =            | =             | =  | 11       | =             | П                |  | П              |
| ľ  | 10          | 15            | 7               | 8        | /            | 7             | Ź  | 1        | À             | 1                |  | М              |
| Ì  | 11          | 16            | 7               | 1        | 1            | 7             | Ž  | Ž,       | A             | H                | <del>                                     </del>   | Н              |
| ł  | #           | 16            | Ξ               | 0        | 7            |               | 7  | 1        | À             | H                | $\vdash$   | Н              |
| ł  | 10          | 18            | ÷               | V        | V            | 4             | _  | 7        | <del>l'</del> | H                | $\vdash$   | $\vdash$       |
| -  | <u>17</u>   | (19)          | -               | _        | V            | 4             | <u> </u>   | 1        | 1             | ⊬                | -  | $\vdash$       |
| 1  | 12          |               | 9               | 0        |              | $\mathcal{L}$ | =  | 7        | -             | Н-               | <u> </u>   | Ŀ              |
| 1  | 18          | 20            | 1/4             | V        | <b>'</b>     | 4             | 1  | 1        | A,            | Щ                | $ldsymbol{ld}}}}}}$ | Ш              |
| ļ  | 19          | 21            | 42.2            | V        | Ш            | Ш             | Ш  | Ш        | 4             | L                | <u></u>  | لــــا         |
| Į  | 20          | 22            | ÷               |          |              |               |  |          |               | $\prod$          |  |                |
|    | પ્રા        | 23            | {< °);          | 7        | П            | П             | П  | П        | T             | Т                |  |                |
| ŀ  | 13          | 24            | V               | V        | $\sqcap$     | T             | $\top$   | П        | П             | $\top$           | П  | М              |
| ľ  | 24          | 25            | 1               | V,       | V            | V             | V  | V        | V             |                  | Г  | П              |
| 1  | 75          | 26            | V               | 7        | V            | V             | V  | V        | Ā             | +                | Н  | H              |
| ŀ  | ÏŦ          | 8             | 0               | D        | 늴            | Ξ             | ᆜ  |          | c, P          |                  | H  | H              |
| ŀ  | 7           | 28            | J               |          | 5            | J             | Ź  | 1        | _             | +                | $\vdash$   | $\vdash\vdash$ |
| ŀ  | .10<br>O    | 9             | 0               | ó        | 쒸            | ¥             | -  |          | Α             | +                | -  | $\vdash\vdash$ |
| 1  | -8          | 3)8           | _               | _        | 듸            | $\frac{1}{2}$ | F  |          | =             | +                | -  | Н              |
| ļ  | 19          |               | 0               | 0        | إ            | _             |  | =        | Ź             | +                | Щ  | Щ              |
| ŀ  | 30          | <u>(C</u>     | _               | V        | 4            | 7             | 4  | <u> </u> | A             | $\perp$          | Щ  | Ш              |
| 1  | 31          | 32            | 하               | 1        | 11           | 11            | 41   | 1        | 4             |                  |  | Ш              |
| 1  | <b>3</b> 2. | 33            | ÷               | V        | 41           | Ш             | Ш  | 11       | Ш             | Ц                |  |                |
| 1  | 13          | 34            | 7               | V        | Ш            | 11            | $\perp$  | Ш        | 4             |                  |  |                |
| Ŀ  | 34          | 35            | ا داد ماد ماء   | V        | Ш            | Ш             | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | _1       | Ц             | 1                |  |                |
| L  | 3.2         | 36            | ÷               | <b>V</b> | Ш            | Ш             | 11   | Ш        |               |                  |  |                |
| ıF | 36          | 37            | 1               | V        | П            | V             | J  | V        | V             | 4                |  |                |
| ŧ  | 7           | 38)           | •[•             | 7        | ٧,           | 1             | $\checkmark$   | V        | A             | =                |  |                |
| Ī  |             | 39            |                 |          | _            |               |  | Ť        | _             | _                |  |                |
| Ì  | -,          | 40            |                 |          | _            |               |  |          | $\neg$        |                  |  | -              |
| ŀ  | -           | 41            |                 | $\vdash$ | -            |               | -  |          | $\dashv$      |                  |  | $\vdash$       |
| ŀ  | -           | $\rightarrow$ | -               | $\vdash$ |              |               |  |          |               |                  | $\vdash$   | _              |
| 1  |             | 42            |                 | $\vdash$ |              |               |  | _        |               | _                | Щ  |                |
| 1  | _           | 43            |                 | $\Box$   | _            | _             |  | _        | _             |                  |  |                |
| L  |             | 44            |                 |          |              |               |  |          |               |                  |  |                |
| Į  |             | 45            |                 | I        | ]            | _]            | I  |          |               |                  |  |                |
|    |             | 46            |                 |          | [            |               | [  | T        |               | ·                |  |                |
| 1  |             | 47            |                 |          |              |               | $\neg$   | $\neg$   | $\neg$        |                  |  |                |
| ţ  |             | 48            |                 |          | $\neg$       | $\neg$        | 1  | ┪        | $\neg$        | ٦                | $\dashv$   | 乛              |
| 1  |             | 49            |                 | $\dashv$ | $\neg$       | _             | 7  | 7        |               | $\neg$           | $\neg$   | $\dashv$       |
| t  |             | 50            |                 | $\dashv$ | $\neg$       | _             | +  | $\dashv$ | $\neg$        | $\dashv$         | $\dashv$   | $\dashv$       |
| -  |             |               |                 |          |              | _             |  |          |               |                  | -  |                |

| Cla           | im       |   |              |          |                  | Da       | te       |  |              |  |              |
|---------------|----------|---|--------------|----------|------------------|----------|----------|--|--------------|--|--------------|
| 1             | 1        | ┢ | Т            | Т        | Т                | Ť        | Ť        | Τ-   | т            | 1  | _            |
| Final         | Original |   |              | l        |                  |          |          |  |              |  |              |
| ίĽ            |          | _ | ┖            | L        |                  |          |          | <u> </u>   | _            | _  |              |
| L             | 51       |   |              |          |                  | 1        |          |  | <u> </u>     |  |              |
|               | 52       |   | П            | Γ        |                  | П        |          |  |              |  | П            |
|               | 53       | Γ | Г            |          | П                |          |          | Г  | Π            | Т  |              |
|               | 54       | Н | 1            | 1        | 1                | $\vdash$ | T        | 1  | $\vdash$     | $\vdash$   | t            |
|               | 55       |   | Т            |          | Т                |          |          | <del>                                     </del> |              | $\vdash$   | T            |
| П             | 56       | _ |              |          | Ι.               | Г        |          | t  | t            | 1  | T            |
|               | 57       | _ | $\vdash$     | $\vdash$ |                  | ┢        |          | $\vdash$   | -            | <del>                                     </del> | 1            |
| $\vdash$      | 58       |   | ├-           | ╁╌       | ╁                |          | -        | ⊢  | ╁            | H  | ┢            |
|               | 59       |   | <del> </del> | ╁        | ┢                | $\vdash$ | -        | ╁  | ┢            | ┢  | ├            |
| -             | 60       |   | -            | ╁╌       | ╁                | ┢        | ┢        |  | ├            | ├  | -            |
| ┝             | 61       | _ | <del> </del> | ├        | ├                | ├        | ⊢        | ⊢  | ⊢            | -  | ⊢            |
| $\vdash$      | 62       | - | ┢            | $\vdash$ | -                | ├        | ├-       | -  | ├            | ├  | ⊢            |
| $\vdash$      | 63       |   | ╁            | $\vdash$ | ├                | $\vdash$ | -        | $\vdash$   | -            | -  | $\vdash$     |
| $\vdash$      |          | _ | -            | -        | ├                | -        | -        | -  | <del> </del> | $\vdash$   | -            |
| $\vdash$      | 64       |   | 1            | -        | 1                | <u> </u> | ├-       | <u> </u>   | $\vdash$     | -  | <del> </del> |
| <u> </u>      | 65       |   | $\vdash$     | -        | ├_               | _        | <u> </u> | <u> </u>   | <del> </del> | <u> </u>   | $\vdash$     |
| $\vdash$      | 66       | _ | <u> </u>     | $\vdash$ | ├                | <u> </u> | $\vdash$ | <u> </u>   | $\vdash$     | <u> </u>   | ├-           |
| H             | 67       |   | <u> </u>     | ⊢        | ├                |          |          | $\vdash$   | $\vdash$     | ├-   | <u> </u>     |
| Ш             | 68       | _ | -            | <u> </u> | $ldsymbol{oxed}$ | _        | L.       | _  |              | ╙  | _            |
| Ш             | 69       |   | ╙            | L        | ļ                |          |          | <u> </u>   |              | L  | _            |
| Ш             | 70       |   | L            |          |                  |          |          |  |              |  | L            |
|               | 71       |   | L            | <u> </u> |                  |          |          |  |              |  |              |
|               | 72       |   |              | <u>L</u> |                  |          |          |  |              | <u> </u>   |              |
|               | 73       |   | L            | L        | <u></u>          |          |          |  |              |  |              |
|               | 74       |   | _            |          | _                |          |          |  |              |  |              |
|               | 75       |   | <u></u>      |          |                  |          |          |  |              | L  |              |
|               | 76       |   |              | L        |                  |          |          |  | L            | _  |              |
|               | 77       |   | <u> </u>     | L        | L                |          |          | L  | L            | L  |              |
|               | 78       |   |              | L        |                  |          |          |  |              | <u> </u>   |              |
|               | 79       |   |              |          |                  |          |          |  | L.           |  |              |
|               | 70       |   |              |          |                  |          |          |  |              |  |              |
|               | 81       |   |              |          |                  |          |          |  |              |  |              |
|               | 82       |   |              |          |                  |          |          |  |              |  |              |
| _             | 83       |   |              | L        |                  |          |          |  |              |  |              |
|               | 84       |   |              |          |                  |          |          |  |              |  |              |
|               | 85       |   |              |          |                  |          |          |  |              |  |              |
|               | 86       |   |              |          |                  |          |          |  |              | 17   |              |
| -             | 87       |   |              |          |                  |          |          |  |              |  |              |
|               | 88       |   | L            |          |                  |          |          |  |              |  |              |
|               | 89       |   |              |          |                  |          |          |  |              | Γ  |              |
|               | 90       |   |              | Г        |                  |          |          |  | П            |  |              |
|               | 91       |   |              |          |                  |          |          |  |              |  | П            |
|               | 92       |   | Г            |          |                  |          |          | _  | Т            | Т  | М            |
| $\rightarrow$ | 93       |   |              | Т        |                  | $\Box$   |          |  | П            | $\vdash$   |              |
|               | 94       |   |              |          | П                |          |          |  | П            | $\vdash$   | Т            |
|               | 95       |   | Γ-           |          |                  |          |          |  | Н            | $\vdash$   | $\vdash$     |
|               | 96       |   | 1            | Г        |                  | -        |          |  | Н            | $\vdash$   | Н            |
| _             | 97       |   | _            | Ι-       |                  | $\vdash$ |          |  | Н            | <del> </del>                                     | $\vdash$     |
|               | 98       |   | $\vdash$     | $\vdash$ |                  | Н        | Н        | т  | -            | <del> -</del>                                    | $\vdash$     |
|               | 99       |   |              | $\vdash$ |                  | H        | $\vdash$ |  | $\vdash$     | $\vdash$   | $\vdash$     |
|               | 100      | _ | -            | -        | $\vdash$         | Н        | $\vdash$ |  |              | -  | Η-           |

| Cla   | im         |           |              |              |  | Da       | te       |          | _             |          |  |
|-------|------------|-----------|--------------|--------------|--|----------|----------|----------|---------------|----------|--|
|       |            |           | Г            | Г            | Γ  | Ī        |          | Π        |               |          |  |
| Final | Original   |           |              |              |  |          |          |          |               |          |  |
|       | 110        |           | Г            | Τ            | Г  | T        | Г        | Г        |               | Т        | Г  |
|       | 112        |           |              |              |  |          |          |          | Т             | $\vdash$ |  |
|       | 113        |           |              | Г            |  |          |          |          | Г             |          |  |
|       | 114        |           |              |              |  |          |          |          |               |          |  |
|       | 115        |           |              | $oxed{oxed}$ | L  |          |          |          |               |          |  |
|       | 116        |           |              | L            |  |          |          | L        |               |          |  |
| _     | 117        |           | L            | L            |  | Ŀ        |          | L_       | L             | L        | L  |
|       | 118        |           |              | ļ            | <u> </u>   | _        | <u> </u> | _        |               | _        | L  |
|       | 119        |           | _            | _            | <u> </u>   | L        | <u> </u> | <u> </u> | <u> </u>      | L        | ļ.,  |
|       | 110<br>111 |           | _            |              | _  | ┡        | L        |          | ļ.,           | L        | L  |
|       | _          |           | ⊢            | H            | ├-   | _        |          | <u> </u> | ├_            | -        | L  |
| _     | 112<br>113 |           | $\vdash$     | -            | -  | -        | $\vdash$ | -        | H             | -        | $\vdash$   |
|       | 114        | _         | -            | -            | $\vdash$   | $\vdash$ | -        | -        | $\vdash$      | -        | ١  |
|       | 115        | -         | ┝            | -            | -  | -        | $\vdash$ | $\vdash$ | -             | -        | -  |
|       | 116        | _         | $\vdash$     | H            | +  | $\vdash$ | $\vdash$ | -        | -             | -        | H  |
|       | 117        | _         | -            | $\vdash$     | $\vdash$   | -        | -        | H        | $\vdash$      | -        |  |
|       | 118        |           | <del> </del> |              | -  | $\vdash$ | $\vdash$ | $\vdash$ | -             | -        |  |
| _     | 119        |           | -            | $\vdash$     | <del>                                     </del> | $\vdash$ |          | $\vdash$ | H             | H        |  |
| _     | 120        |           |              | _            | -  | Н        |          | -        | <del> -</del> | Н        | <del>                                     </del> |
|       | 121        | _         |              | $\vdash$     | -  | $\vdash$ | $\vdash$ | $\vdash$ | -             | -        | +  |
| _     | 122        |           | _            | $\vdash$     | _  | $\vdash$ |          | $\vdash$ | $\vdash$      | Н        |  |
|       | 123        |           |              | $\vdash$     |  |          | <u> </u> |          | Г             | П        |  |
|       | 124        |           | Т            | $\vdash$     | Г  | Т        |          |          | П             |          |  |
|       | 125        |           |              |              | 9  |          |          |          | П             | $\Box$   |  |
|       | 126        |           |              |              |  |          |          |          |               |          |  |
|       | 127        |           |              |              |  |          |          |          |               |          |  |
|       | 128        |           |              |              |  |          |          |          |               |          |  |
|       | 129        |           |              | L            | L  |          |          |          |               |          |  |
|       | 130        |           |              |              | <u> </u>   | L        | L.       |          | Ш             |          | Ĺ  |
|       | 131        |           | _            | L            | <u> </u>   | <u> </u> | L.       | Ц        | Щ             |          |  |
|       | 132        | _         |              | _            | $\vdash$   | L        | Щ        | -        | Щ             |          |  |
|       | 133        | _         |              | <u> </u>     | Н  | Н        | $\vdash$ |          |               | Ц        | _  |
|       | 134<br>135 | _         |              | -            | -  | <u> </u> | $\vdash$ | H        | _             | $\dashv$ | _  |
|       | 135        | -         | _            | -            | H  | Н        | -        | Н        |               | Н        | _  |
|       | 137        | -         | _            | -            | Н  | Н        | H        | $\vdash$ | $\vdash$      | $\dashv$ | •  |
|       | 138        | -         |              | -            | Н  | Н        | Н        | -        | Н             | $\vdash$ | _  |
|       | 139        | -         |              | H            | H  | -        |          | Н        | Н             | Н        |  |
|       | 40         | -         |              | Н            | Н  | Н        | Н        | Н        | -             | Н        | _  |
|       | 141        |           |              | Н            | Н  | -        | H        | -        | Н             | Н        |  |
|       | 142        | -         |              | -            | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ |               | Н        |  |
|       | 143        | -         | -            | _            | Н  | $\vdash$ | $\vdash$ | -        |               | Н        |  |
| _     | 144        |           | _            | Н            | Н  | Н        | Н        | Н        | Н             | $\dashv$ | _  |
|       | 145        | _         |              |              | Н  | Н        |          | Н        | Н             | Н        | _  |
|       | 146        | $\exists$ |              |              |  |          | <u> </u> | Н        | Н             |          |  |
|       | 147        |           |              |              | Г  |          |          |          | Н             |          |  |
| 7     | 148        | _         |              |              | Г  | П        | Т        | П        | П             |          |  |
|       | 149        |           |              |              |  |          |          |          |               |          |  |
|       | 150        |           |              |              |  |          |          |          |               |          |  |

If more than 150 claims or 10 actions staple additional sheet here